

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3653	(resonator or cantilever or microcantilever or microresonator) with array	US-PGPUB; USPAT	OR	ON	2008/06/15 09:33
S2	1254	(optical or laser or light) same ((resonator or cantilever or microcantilever or microresonator) with array)	US-PGPUB; USPAT	OR	ON	2008/06/15 09:33
S3	110	((optical or laser or light) same ((resonator or cantilever or microcantilever or microresonator) with array)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)	US-PGPUB; USPAT	OR	ON	2008/06/15 09:33
S4	14683	((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)	US-PGPUB; USPAT	OR	ON	2008/06/15 09:33

S5	264	((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)) same (frequency near3 resonan\$4)	US-PGPUB; USPAT	OR	ON	2008/06/15 09:33
S6	1	((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)) same (frequency near3 resonan\$4)) same (hearing or hear or audio or ear)	US-PGPUB; USPAT	OR	ON	2008/06/15 09:33
S7	393	((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)) same (hearing or hear or audio or ear)	US-PGPUB; USPAT	OR	ON	2008/06/15 09:33

S8	15	(((((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)) same (frequency near3 resonan\$4)) same array	US-PGPUB; USPAT	OR	ON	2008/06/15 09:33
S9	25	(((((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)) same (hearing or hear or audio or ear)) same array	US-PGPUB; USPAT	OR	ON	2008/06/15 09:33
S10	20	((optical or laser or light) same ((resonator or cantilever or microcantilever or microresonator) with array)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 09:33

		macrosound\$4)				
S11	61	((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)) same (frequency near3 resonan\$4)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 09:33
S12	78	((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)) same (hearing or hear or audio or ear)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 09:33
S13	1	((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)) same (frequency near3 resonan\$4)) same	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 09:33

		array				
S14	3	(((((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)) same (hearing or hear or audio or ear)) same array	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 09:33
S15	1	(((((optical or laser or light) near5 (waveguide or guide or fiber or fibre)) same (vibrat\$6 or acoustic\$4 or sonic \$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4)) same (frequency near3 resonan\$4)) same (hearing or hear or audio or ear)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 09:33
S16	107466	(resonator or cantilever or microcantilever or microresonator)	US-PGPUB; USPAT	OR	ON	2008/06/15 11:06
S17	2698759	optical or light or laser or led or infrared or electromagnetic	US-PGPUB; USPAT	OR	ON	2008/06/15 11:06
S18	16416	S16 near3 S17	US-PGPUB; USPAT	OR	ON	2008/06/15 11:07
S19	4646	frequency same S18	US-PGPUB; USPAT	OR	ON	2008/06/15 11:07
S20	88786	(resonant or resonance) near3 frequency	US-PGPUB; USPAT	OR	ON	2008/06/15 11:07

S21	1423	S18 same S20	US-PGPUB; USPAT	OR	ON	2008/06/15 11:08
S22	1004981	(vibrat\$6 or acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4 or infrasonic\$4 or infrasound\$4)	US-PGPUB; USPAT	OR	ON	2008/06/15 11:08
S23	223	S21 same (S22 or seismic)	US-PGPUB; USPAT	OR	ON	2008/06/15 11:10
S24	3	S18 same hearing	US-PGPUB; USPAT	OR	ON	2008/06/15 11:20
S25	4237	S17 same hearing	US-PGPUB; USPAT	OR	ON	2008/06/15 11:20
S26	1669	S17 same (hearing near3 (aid or device))	US-PGPUB; USPAT	OR	ON	2008/06/15 11:21
S27	201293	S17 near3 (waveguide or fiber or fibre)	US-PGPUB; USPAT	OR	ON	2008/06/15 11:22
S28	28	S27 same (hearing near3 (aid or device))	US-PGPUB; USPAT	OR	ON	2008/06/15 11:22
S29	104451	(resonator or cantilever or microcantilever or microresonator)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:26
S30	3256068	optical or light or laser or led or infrared or electromagnetic	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:27
S31	15545	S29 near3 S30	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:27
S32	2016	frequency same S31	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:27
S33	50124	(resonant or resonance) near3 frequency	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:28

S34	352	S31 same S33	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:28
S35	998746	(vibrat\$6 or acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4 or microsonic\$4 or microsound\$4 or megasonic\$4 or megasound\$4 or macrosonic\$4 or macrosound\$4 or infrasonic\$4 or infrasound\$4)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:28
S36	26	S34 same (S35 or seismic)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:29
S37	2	S31 same hearing	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:31
S38	890	S30 same hearing	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:31
S39	459	S30 same (hearing near3 (aid or device))	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:31
S40	253317	S30 near3 (waveguide or fiber or fibre)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:32
S41	11	S40 same (hearing near3 (aid or device))	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/15 11:32
S42	19	(29/896.21).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/06/15 11:36
S43	1593	((381/312) or (381/313) or (381/328)).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/06/15 11:38
S44	590	S43 and S17	US-PGPUB; USPAT	OR	ON	2008/06/15 11:38
S45	23	S44 and S16	US-PGPUB; USPAT	OR	ON	2008/06/15 11:39

S46	968	((73/649) or (73/651) or (73/655-657)).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/06/15 11:40
S47	316	(73/643).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/06/15 11:40
S48	888	(S46 or S47) and S17	US-PGPUB; USPAT	OR	ON	2008/06/15 11:41
S49	114	S48 and S16	US-PGPUB; USPAT	OR	ON	2008/06/15 11:41
S50	6	("3333278").URFN.	USPAT	OR	ON	2008/06/15 12:45
S51	6	("3332757").URFN.	USPAT	OR	ON	2008/06/15 12:45
S52	610	((398/135) or (398/134)).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/06/19 10:31
S53	610	((398/135) or (398/134)).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/06/19 13:08
S54	44	S53 and vibration	US-PGPUB; USPAT	OR	ON	2008/06/19 13:08
S55	1	("61252498").FN.	JPO; DERWENT	OR	OFF	2008/06/19 13:23
S56	3	((("6079274") or ("6092422") or ("6223601")).FN.	US-PGPUB; USPAT	OR	OFF	2008/06/19 17:47

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